

Patents 10799860

7/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347: JAPIO
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06097637 **Image available**

ENCIPHERED DATA DECODING DEVICE

Pub. No.: 11-039156 [JP 11039156 A]
Published: February 12, 1999 (19990212)
Inventor: SASAKI SHIGEHICO
Applicant: FUJI XEROX CO LTD
Application No.: 09-195451 [JP 97195451]
Filed: July 22, 1997 (19970722) ...
Published: 19990212)

ABSTRACT

...102 authenticates a cipher key. A decoding support program authentication part 104 acquires the authentication range designation (pre, post) from the cipher key, calculates a **message** summary number using a unidirectional **hash** function about an **area** covering Pr-pre through Pr+post, and compares the calculation result with the message summary number contained in the cipher key to authenticate the correctness ... Di01

7/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0022301940 *Drawing available*

WPI Acc no: 2011-K56464/201156

Apparatus for performing hash operation on message blocks to generate message digest in computing environment, has x86-compatible microprocessor with integer unit that executes micro instructions to test bit in flag register

Patent Assignee: VIA TECHNOLOGIES INC (VIAT-N)

Inventor: CRISPIN T A; HENRY G G; PARKS T

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20110202775	A1	20110818	US 201110292	A	20110120	201156	B
			US 2003510803	P	20031010		
			US 2004571123	P	20040514		
			US 2004582423	P	20040624		
			US 2004582422	P	20040624		

		US 2004610481	P	20040916
		US 2004963427	A	20041012

Alerting Abstract ...hash algorithms, mode programmable and verification and testing of the particular hash algorithm, ensures self-preprocessing i.e. self padding, of messages and supports multiple **message** block **sizes** provided for programmable **hash** algorithm modes... Basic Derwent Week: 201156...

7/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015187739 *Drawing available*
WPI Acc no: 2005-537331/200555
Related WPI Acc No: 2009-M83150

Mass mail detection system for e-mail server, determines similarity of hash value of received e-mail with prestored reference, and judges received e-mail as mass mail if similar mails of preset number are detected

Patent Assignee: DAINI DENDEN KK (DDEN); FUJIKAWA H (FUJI-I); HONMA T (HONM-I); NAKASHIMA A (NAKA-I); YAMAZAKI K (YAMA-I); YOSHIDA K (YOSH-I); KDDI CORP (KOKU)
Inventor: FUJIKAWA H; HONMA T; NAKAJIMA A; NAKASHIMA A; YAMAZAKI K; YOSHIDA K

Patent Family (4 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2005202590	A	20050728	JP 20046918	A	20040114	200555	B
US 20050188032	A1	20050825	US 200533111	A	20050112	200556	E
JP 4297345	B2	20090715	JP 20046918	A	20040114	200951	E
US 7853654	B2	20101214	US 200533111	A	20050112	201101	E

Mass mail detection system for e-mail server, determines similarity of hash value of received e-mail with prestored reference, and judges received e-mail as mass mail if similar mails of preset number are detected **Alerting Abstract** ...unit (52)

extracts a partial string from the text of one of e-mails collected by an e-mail collection unit (51), and calculates several **hash** values. A **mass mail** detection unit (53) determines the similarity of hash value of received e-mail with prestored reference, and determines the e-mail as mass mail if... Basic Derwent Week: 200555

7/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015156727 *Drawing available*

WPI Acc no: 2005-506307/200551

XRPX Acc No: N2005-413315

Digital postage mark verifying method for mail, involves comparing address block image digest of destination address block and digital postage mark areas to accept mail item

Patent Assignee: PITNEY BOWES INC (PITB)

Inventor: EUCHNER J A; MARTIN M D; PINTSOV L A; EUCHNER J; MARTIN M; PINTSOV L

Patent Family (4 patents, 106 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005059753	A1	20050630	WO 2004US41943	A	20041215	200551	B
EP 1704481	A1	20060927	EP 2004814161	A	20041215	200663	E
			WO 2004US41943	A	20041215		
US 20070288760	A1	20071213	US 2003529726	P	20031215	200801	E
			WO 2004US41943	A	20041215		
			US 2007582741	A	20070504		
US 7849317	B2	20101207	US 2003529726	P	20031215	201080	E
			WO 2004US41943	A	20041215		
			US 2007582741	A	20070504		

Alerting Abstract ...based on data available on mail. Verifies authenticity and data integrity of data contained in indexed images on mail. Acquires address block data efficiently during **mail** sorting process. Avoids **hashing** of recoverable portion of **messages** thereby reducing error. Reduces **size** and cost of device... ..Basic Derwent Week: 2004WO-US0041943

7/3,K/6 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015074559 *Drawing available*

WPI Acc no: 2005-423998/200543

XRPX Acc No: N2005-344109

Information processing method for use over e.g. local area network, involves performing hash pattern matching functions on message and accepting message based on pattern match acceptance indicator, when pattern match is detected

Patent Assignee: GREAVES C A (GREA-I); MARTIN H M (MART-I); NGUYEN T Q (NGUY-I); NUNEZ J M (NUNE-I); FREESCALE SEMICONDUCTOR INC (FRSE)

Inventor: GREAVES C A; MARTIN H M; NGUYEN T Q; NUNEZ J M

Patent Family (9 patents, 107 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050108943	A1	20050526	US 2003721196	A	20031125	200543	B
WO 2005055487	A2	20050616	WO 2004US37147	A	20041105	200543	E
CN 1879354	A	20061213	CN 200480033180	A	20041105	200730	E
JP 2007512770	W	20070517	WO 2004US37147	A	20041105	200735	E
			JP 2006541232	A	20041105		
KR 2006134937	A	20061228	WO 2004US37147	A	20041105	200744	E
			KR 2006710005	A	20060523		
US 7240041	B2	20070703	US 2003721196	A	20031125	200746	E
TW 200525954	A	20050801	TW 2004136312	A	20041125	200957	E
CN 100534052	C	20090826	CN 200480033180	A	20041105	200965	E
JP 4485529	B2	20100623	WO 2004US37147	A	20041105	201041	E
			JP 2006541232	A	20041105		

Information processing method for use over e.g. local area network, involves performing hash pattern matching functions on message and accepting message based on pattern match acceptance indicator, when pattern match is detected
Basic Derwent Week: 200543

7/3,K/7 (Item 6 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014845896 *Drawing available*
WPI Acc no: 2005-193597/200520
Related WPI Acc No: 2005-675414
XRPX Acc No: N2005-159853

Approximate message authentication code generation method for e.g. data transmission, involves arranging data of message into table having columns and rows, and masking permuted arranged data to determine majority bit value of each column

Patent Assignee: TELCORDIA TECHNOLOGIES INC (TELC-N)
Inventor: GRAVEMAN R F

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6851052	B1	20050201	US 1998111771	P	19981210	200520	B
			US 1999458336	A	19991210		

Original Publication Data by AuthorityArgentina**Publication No. ...Original**

Abstracts:may be used to determine whether the number of bit differences between the messages is likely to be within an acceptable amount. The AMAC is a probabilistic checksum based on a **shared** key. The AMAC uses the **message** and a shared key as inputs. Optionally, an initial value may also be used as an input. In one version of the invention, the data... Basic Derwent Week: 200520

7/3,K/8 (Item 7 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014743767 *Drawing available*

WPI Acc no: 2005-091393/200510

XRPX Acc No: N2005-079899

Spam message filtering method involves determining whether incoming message is spam based on comparison of uniform resource locator from incoming message with uniform resource locator characterizing spam

Patent Assignee: BRIGHTMAIL INC (BRIG-N); COWINGS D (COWI-I); HOOGSTRATE D (HOOG-I); JENSON S (JENS-I); MEDLAR A (MEDL-I); SCHNEIDER K (SCHN-I)

Inventor: COWINGS D; HOOGSTRATE D; JENSEN S; MEDLAR A; SCHNEIDER K; JENSON S

Patent Family (3 patents, 107 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004114614	A1	20041229	WO 2004US19791	A	20040618	200510	B
US 20090070872	A1	20090312	US 2003479754	P	20030618	200920	E
			US 2004871583	A	20040617		
TW 200516893	A	20050516	TW 2004117715	A	20040618	200957	E

Original Publication Data by AuthorityArgentina**Publication No. Claims: 1.** A method, comprising: detecting, in an incoming message, data indicative of a uniform resource locator (URL); creating hash data for the **URL** from the incoming **message**; comparing the **hash** data for the **URL** from the incoming message with a plurality of URL filtering rules created using URLs extracted from messages identified as spam; and determining whether the incoming... Basic Derwent Week: 200510

7/3,K/9 (Item 8 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014743637 *Drawing available*

WPI Acc no: 2005-091263/200510

XRPX Acc No: N2005-079769

Method of controlling electronic mail message transmission over network, involves filtering electronic mail addresses of unsolicited user, from received hashed e-mail addresses, to prepare e-mail address list for delivering specific e-mail

Patent Assignee: BHANAP N (BHAN-I); GOWDA R (GOWD-I); GUNTHA R (GUNT-I); QUINSTREET INC (QUIN-N); SYIEK B (SYIE-I)

Inventor: BHANAP N; GOWDA R; GUNTHA R; SYIEK B

Patent Family (3 patents, 106 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004114092	A2	20041229	WO 2004US19813	A	20040621	200510	B
US 20050005164	A1	20050106	US 2003600249	A	20030620	200510	E
US 20090132670	A1	20090521	US 2003600249	A	20030620	200934	E
			US 2008258506	A	20081027		

Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:** E-mail addresses are converted by a **hashing** function into **hash** codes. An e-mail mass mailer that can have millions of addresses hash codes all addresses to which a message might be sent to form a first list. An entity... ... E-mail addresses are converted by a **hashing** function into **hash** codes. An e-mail mass mailer that can have millions of addresses hash codes all addresses to which a message might be sent to form a first list. An entity... ... E-mail addresses are converted by a **hashing** function into **hash** codes. An e-mail mass mailer that can have millions of addresses hash codes all addresses to which a message might be sent to form a first list. An entity... Basic Derwent Week: 200510

7/3,K/10 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014486908 *Drawing available*

WPI Acc no: 2004-375980/200435

Related WPI Acc No: 2004-364436; 2008-A33183

XRPX Acc No: N2004-299071

Message processing method for data communication system, involves selecting one of set of symbols where key determines which one of set of symbols is selected and determining tag value to be selected symbol

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF); GEHRMANN C (GEHR-I); TELEFON ERICSSON PUBL AB L M (TELF)

Inventor: GEHRMANN C

Patent Family (17 patents, 105 countries)							
Patent Number	Kind	Date	Application	Kind	Date	Update	Type

			Number				
WO 2004038999	A1	20040506	WO 2003EP11219	A	20031009	200435	B
AU 2003268933	A1	20040513	AU 2003268933	A	20031009	200468	E
EP 1554835	A1	20050720	EP 2003750705	A	20031009	200547	E
			WO 2003EP11219	A	20031009		
US 20050262418	A1	20051124	US 2002420964	P	20021024	200577	E
			US 2003602167	A	20030624		
JP 2006504361	W	20060202	WO 2003EP11219	A	20031009	200611	E
			JP 2005501514	A	20031009		
CN 1729646	A	20060201	CN 200380107074	A	20031009	200643	E
KR 2005083819	A	20050826	WO 2003EP11219	A	20031009	200647	E
			KR 2005707151	A	20050425		
EP 1554835	B1	20061213	EP 2003750705	A	20031009	200703	E
			WO 2003EP11219	A	20031009		
DE 60310439	E	20070125	DE 60310439	A	20031009	200721	E
			EP 2003750705	A	20031009		
			WO 2003EP11219	A	20031009		
ES 2279142	T3	20070816	EP 2003750705	A	20031009	200758	E
DE 60310439	T2	20070927	DE 60310439	A	20031009	200763	E
			EP 2003750705	A	20031009		
			WO 2003EP11219	A	20031009		
US 7702910	B2	20100420	US 2002420964	P	20021024	201028	E
			US 2003602167	A	20030624		
KR 2010114947	A	20101026	WO 2003EP11219	A	20031009	201073	E
			KR 2005707151	A	20050425		
			KR 2010722927	A	20101013		
CN 1729646	B	20100929	CN 200380107074	A	20031009	201102	E
JP 4664206	B2	20110406	WO 2003EP11219	A	20031009	201124	E
			JP 2005501514	A	20031009		
KR 2011053391	A	20110520	WO 2003EP11219	A	20031009	201140	E
			KR 2005707151	A	20050425		
			KR 2011709789	A	20110429		
KR 1092696	B1	20111209	WO 2003EP11219	A	20031009	201201	E
			KR 2005707151	A	20050425		
			KR 2010722927	A	20031009		

		KR 2010722927	A	20101013
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Alerting Abstract ... of forgery protection for small tag sizes and small key sizes. The data item is determined to be the hash value of the one-way **hash** value, thereby reducing **message size** and allowing reduction of **size** of the key and the tag value while maintaining same level of security... Basic Derwent Week: 200435

7/3,K/11 (Item 10 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013255781 *Drawing available*
WPI Acc no: 2003-341254/200332
XRPX Acc No: N2003-272961

Message digest based data synchronization method in computer network e.g. internet, involves generating message digests using cryptographic hash, and synchronizing client contents and repository contents

Patent Assignee: HUNT P J (HUNT-I); MANEPALLY N R (MANE-I)
Inventor: HUNT P J; MANEPALLY N R

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030005306	A1	20030102	US 2001896321	A	20010629	200332	B

Alerting Abstract ... ADVANTAGE - The **message** digest generated using cryptographic **hash provides** a short identifier for **a** file of any **size**, thereby allowing quick comparisons between message digests... Basic Derwent Week: 200332

7/3,K/12 (Item 11 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0012460283 *Drawing available*
WPI Acc no: 2002-406327/200244

Overhead information transmission for mobile phones with decentralized control

Patent Assignee: QUALCOMM INC (QCOM)
Inventor: GROB M; GROB M S; KARMI G; GROVE M S

Patent Family (9 patents, 5 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 10038945	A1	20020221	DE 10038945	A	20000809	200244	B
CN 1337836	A	20020227	CN 2000126441	A	20000811	200244	NCE

GB 2366138	A	20020227	GB 200019996	A	20000814	200244	NCE
JP 2002077990	A	20020315	JP 2000245901	A	20000814	200244	NCE
KR 2002013264	A	20020220	KR 200046898	A	20000814	200257	NCE
GB 2366138	B	20021030	GB 200019996	A	20000814	200279	NCE
KR 861484	B1	20081002	KR 200046898	A	20000814	200912	NCE
JP 2011139500	A	20110714	JP 2000245901	A	20000814	201146	NCE
			JP 201129005	A	20110214		
JP 4846895	B2	20111228	JP 2000245901	A	20000814	201201	NCE

Original Publication Data by AuthorityArgentina**Publication No. ...Original**

Abstracts:may share the signature with two same different continuous messages is restricted, a small probability exists.This is because it may only function as a **hashing** compressing **message space** into smaller signature **space** and more messages than one may have the same signature.Two continuous messages differ,When a hashing produces|generates the same signature with respect to... Basic Derwent Week: 200244

7/3,K/13 (Item 12 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0011039135 *Drawing available*
WPI Acc no: 2001-052450/200107
XRPX Acc No: N2001-040379

Hindering method for undesirable transmission or receipt of electronic messages within network of users includes automatically extracting detection data that permits detection of the specific electronic message

Patent Assignee: IBM CORP (IBM); INT BUSINESS MACHINES CORP (IBM);
TREND MICRO KK (TREN-N)
Inventor: KEPHART J O

Patent Family (7 patents, 3 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2350747	A	20001206	GB 20007562	A	20000330	200107	B
JP 2000353133	A	20001219	JP 2000105418	A	20000406	200115	E
US 6732149	B1	20040504	US 1999289023	A	19990409	200430	E
GB 2350747	B	20040922				200462	E
JP 4250300	B2	20090408	JP 2000105418	A	20000406	200929	E
JP 2009104606	A	20090514	JP 2000105418	A	20000406	200933	E
			JP 2008271957	A	20081022		
JP 4708466	B2	20110622	JP 2000105418	A	20000406	201141	E

		JP 2008271957	A	20081022
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Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**scanned said message respond|corresponds,It is a detection step which detects the equivalence|correspondence of the longest area|region when the checksum of several **area**|regions corresponds,A **hash** block of the scanned said **message** content-text,The calculation step which calculates the similarity of a hash block between each hash block of said at least 1 specific electronic message... Basic Derwent Week: 200107

7/3,K/14 (Item 13 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010740462 *Drawing available*
WPI Acc no: 2001-353012/200137
XRPX Acc No: N2001-256217

Digital certificate designing method for purchasing digital products through internet, involves defining protected area between border characters and stored in encrypted digital signature outside protected area

Patent Assignee: PREVIEW SYSTEMS INC (PREV-N)
Inventor: JENNINGS C W; TYCKSEN F A

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6189097	B1	20010213	US 1997822661	A	19970324	200137	B

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**a selected set of components, including text-based components and binary-based components, and the certificate serves as a transport container for such components. A **message** digest or **hashing** algorithm applied to the protected **area** provides consistent results despite modifications to the certificate outside the protected area. A digital signature provides authentication of source and content integrity. Digital certificates under... Basic Derwent Week: 200137

7/3,K/15 (Item 14 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010225088 *Drawing available*
WPI Acc no: 2000-536420/200049
XRPX Acc No: N2000-397022

Hash function calculation device for compressing message in encryption communication, feeds back hash value of nm bit block obtained by processing m and n bits of hash value and binary error correcting code word

Patent Assignee: KODO IDO TSUSHIN SECURITY GIJUTSU KENKYU (KODO-N)
 Inventor: INOUE T

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2000206878	A	20000728	JP 19994530	A	19990111	200049	B

Alerting Abstract ...ADVANTAGE - Increases **amount** of **message** input to **hash** function calculation device, hence enhances hash rate... Basic Derwent Week: 200049

7/3,K/16 (Item 15 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
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0009217303 *Drawing available*
 WPI Acc no: 1999-143204/199912
 XRPX Acc No: N1999-104023

Electronic bill processing system with biller computer with database storing complete bills for customers - has billing computers storing bills and bill-presenting computer storing summaries of bills with hashes digitally signed by billing computer, customer computers generating message including hash and authorisation to pay for complete bills

Patent Assignee: UNISYS CORP (BURS)
 Inventor: SMORODINSKY L

Patent Family (10 patents, 21 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999005628	A1	19990204	WO 1998US15190	A	19980722	199912	B
US 6049786	A	20000411	US 1997898563	A	19970722	200025	E
EP 996914	A1	20000503	EP 1998935935	A	19980722	200026	E
			WO 1998US15190	A	19980722		
JP 2001511567	W	20010814	WO 1998US15190	A	19980722	200154	E
			JP 2000504535	A	19980722		
EP 996914	B1	20021016	EP 1998935935	A	19980722	200276	E
			WO 1998US15190	A	19980722		
CA 2296602	C	20021022	CA 2296602	A	19980722	200279	E
			WO 1998US15190	A	19980722		
DE 69808769	E	20021121	DE 69808769	A	19980722	200302	E
			EP 1998935935	A	19980722		
			WO 1998US15190	A	19980722		
JP 3455179	B2	20031014	WO 1998US15190	A	19980722	200369	E

			JP 2000504535	A	19980722		
JP 2003331205	A	20031121	JP 2000504535	A	19980722	200402	E
			JP 2003135840	A	19980722		
JP 3766823	B2	20060419	JP 2000504535	A	19980722	200628	E
			JP 2003135840	A	20030514		

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**a payment on a selected complete bill by generating a payment message which includes a) the hash of the selected complete bill digitally signed by **the** biller computer, and b) **an** authorization to pay a specified **amount** of funds on the selected complete bill, both of which are digitally signed by that particular customer computer. This payment message is stored in a... Basic Derwent Week: 199912

7/3,K/17 (Item 16 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0008530194 *Drawing available*
WPI Acc no: 1998-062563/199806
XRPX Acc No: N1998-049265

Generating Internet TCP/IP checksum - fetching register contents for use as first operand, calculating address where message packet is stored, fetching larger number of binary digits of packet as second operand, adding operands to form checksum, and repeating

Patent Assignee: UNISYS CORP (BURS)

Inventor: ALFERNESS M H; CRISWELL P B; JOHNSON D R; MCBREEN J R

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5701316	A	19971223	US 1995521695	A	19950831	199806	B

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**where a selected one of the packets of message data resides in the memory:(c) fetching the size of said selected one of the packets **of message** data; and(d) executing said **checksum** generation **macroinstruction** to generate the Internet Protocol Suite checksum for said selected one of the packets of message data, including the steps of:(d1) fetching from a... ... operand;(d5) repeating steps (d3) through (d4) for each said second predetermined number of binary digits included within said selected one of the packets of **message** data to be **checksummed** as determined by said **size** of said selected one of the packets of **message** data: **and**(d6) storing said **checksum** into said selected register.Basic Derwent Week: 199806

7/3,K/18 (Item 17 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0008243709 *Drawing available*
WPI Acc no: 1997-350537/199732
Related WPI Acc No: 1996-115890
XRPX Acc No: N1997-290602

Reliable remote operational control method - monitoring and recording progress of each call and determining audio quality obtained during each call from both mobile and fixed station perspectives, before forming set of indicators which represent quality of service

Patent Assignee: SAFCO TECHNOLOGIES INC (SAFC-N)
Inventor: GULLEDGE K G

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5644623	A	19970701	US 1994204619	A	19940301	199732	B
			US 1996594583	A	19960131		

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**equal to the calculated checksum, or sending a negative acknowledgment from the first measurement station to the second control station if the checksum is not **equal** to the calculated **checksum**, andresending the command **message** if the second control station receives a negative acknowledgment from the first measurement station or accepting as reliable by the second control station the transmission... Basic Derwent Week: 199732

7/3,K/19 (Item 18 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0007279514
WPI Acc no: 1995-338165/199544
XRPX Acc No: N1995-253651

Vehicle or local area network for use in control system - has microcontrollers with memory containing table of message identifiers for determination of message applicability to them

Patent Assignee: CHRYSLER CORP (CHRY); DAIMLERCHRYSLER CORP (DAIM);
LUITJE W V (LUIT-I)
Inventor: LUITJE W V

Patent Family (10 patents, 9 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 675024	A1	19951004	EP 1995104760	A	19950330	199544	B

AU 199515093	A	19951109	AU 199515093	A	19950327	199601	E
CA 2145916	A	19951001	CA 2145916	A	19950330	199605	E
JP 8095609	A	19960412	JP 199576491	A	19950331	199625	E
AU 676423	B	19970306	AU 199515093	A	19950327	199718	E
US 5701418	A	19971223	US 1994221822	A	19940331	199806	E
EP 675024	B1	19981125	EP 1995104760	A	19950330	199851	E
DE 69506158	E	19990107	DE 69506158	A	19950330	199907	E
			EP 1995104760	A	19950330		
MX 196075	B	20000418	MX 19951584	A	19950330	200124	E
CA 2145916	C	20050816	CA 2145916	A	19950330	200557	E

Original Publication Data by Authority Argentina **Publication No. ...** **Claims:** network transmitting messages to all said at least two controllers; and means at each microcontroller for applying a hash function to the identifier of each **message** received over **the** local **area** network in order to generate a table index which directs the microcontroller to a particular entry in the table stored in the memory means, comparing... ... being interconnected as a local area network (25) transmitting messages between said processing units, characterized in that each of said processing units is a microcontroller (10) configured for applying **a hash** function to said **message** identifier of each said messages received over said local **area** network (25) in order to generate a **table** index for directing **the** respective each of said microcontrollers (10) to a particular said entry in a table stored in said memory (5) and comparing the particular said entry... ... connecting said at least two microcontrollers, said local area network transmitting messages to all said at least two controllers; and means at each microcontroller for **applying a hash** function to **the** identifier of each message received over the local area network in order to generate a table index which directs the microcontroller to a particular entry in the table stored in **the** memory means, comparing the **message** identifier at the particular entry to **the** message identifier of the message received, and causing the microcontroller to respond to the message if the identifiers match. Basic Derwent Week: 199544

7/3,K/20 (Item 19 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0007117431 *Drawing available*
WPI Acc no: 1995-147610/199519
XRPX Acc No: N1995-115845

**Digital signature scheme for protecting data - using tree based hashing
procedure to obtain very short public key and giving fast signing, reasonable
signature length and high security**

Patent Assignee: LEIGHTON F T (LEIG-I); MICALI S (MICA-I)

Inventor: LEIGHTON F T; MICALI S

Patent Family (2 patents, 18 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1995009500	A1	19950406	WO 1994US11082	A	19940929	199519	B
US 5432852	A	19950711	US 1993128514	A	19930929	199533	E

Original Publication Data by AuthorityArgentina**Publication No. ...Original**

Abstracts:The present invention describes new digital signature schemes that are provably secure against any adaptive chosen-message attack. The scheme, which is based on selection of a **hash** function from a **space** of such functions, has a very short public key, fast signing, a reasonable signature length and high security. Several algorithmic techniques are provided for enhancing... Basic Derwent Week: 199519

7/3K/2 (Item 2 from file: 348)

02338666

Steganographic method and device

Patent Assignee:

- **Wistaria Trading, Inc.** (2917420)
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(Applicant designated States: all)

Inventor:

- **Cooperman, Marc S.**
20 Wildwood; Short Hills, NJ 07078; (US)
- **Moskowitz, Scott A.**
Townhouse 4, 20191 East Country Club Drive; North Miami Beach, FL 33180; (US)

Legal Representative:

- **Vossius & Partner (100314)**
Siebertstrasse 4; 81675 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1843507	A2	20071010	(Basic)
Patent	EP	1843507	A3	20071121	
Application	EP	2007112420		19960607	
Priorities	US	489172		19950607	

Specification: ...bit of each sample when computing the hash function, if the stega-cipher was implemented using a least significant bit encode mode.

Based on the **size** of the non-**hash message**, one knows the **hash**-inclusive messagerequires 32 more bytes of space. One can now calculate the size of a signed encrypted copy of this message by signing and encrypting...

7/3K/5 (Item 5 from file: 348)

01829690

Obfuscation of a spam filter

Patent Assignee:

- **MICROSOFT CORPORATION** (749866)
One Microsoft Way; Redmond, WA 98052 (US)
(Applicant designated States: all)

Inventor:

- **Goodman, Joshua T.**
17424 NE 38th. Street; Redmond, Washington 98052; (US)
- **Rounthwaite, Robert L.**
4148 287th. Avenue SE; Fall City, Washington 98024; (US)
- **Platt, John C.**
4963 166th. Court NE; Redmond, Washington 98052; (US)

Legal Representative:

- **Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)**
Maximilianstrasse 58; 80538 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1489799	A2	20041222	(Basic)
Patent	EP	1489799	A3	20050928	
Application	EP	2004011979		20040519	
Priorities	US	601034		20030620	

Claims: ...filters.

50. The method of claim 47, deploying at least a portion of the plurality of spam filters depends on at least one of a **hash** of **message** contents and a **size** of the message.

51. The method of claim 47, further comprising selecting at least a portion of the plurality of spam filters for deployment randomly...

7/3K/6 (Item 6 from file: 348)

01566679

PRINTING CARTRIDGE WITH BARCODE IDENTIFICATION

Patent Assignee:

- **Silverbrook Research Pty. Limited** (2699020)
393 Darling Street; Balmain, NSW 2041 (AU)
(Proprietor designated states: all)

Inventor:

- **SILVERBROOK, KIA**
393 Darling Street; Balmain, New South Wales 2041; (AU)

Legal Representative:

- **McCarthy, Denis Alexis et al (72361)**
MacLachlan & Donaldson 47 Merrion Square; Dublin 2; (IE)

	Country	Number	Kind	Date	
Patent	EP	1414650	A1	20040506	(Basic)
Patent	EP	1414650	B1	20080604	
	WO	2003013866		20030220	
Application	EP	2002742541		20020709	
	WO	2002AU921		20020709	
Priorities	US	922158		20010806	

Specification: ...Artcam can be carefully managed with all units being turned off when not in use.

The most significant current drains are the ACP 31, the **area** image sensors 2,4, the printer 44 various motors, the flash unit 56, and the optional color display 5 dealing with each part separately:

1...

7/3K/7 (Item 7 from file: 348)

01368557

NUCLEOTIDE SEQUENCE INFORMATION, AND METHOD AND DEVICE FOR RECORDING INFORMATION ON SEQUENCE OF AMINO ACID

Patent Assignee:

- **Omori, Satoshi** (3914610)
11-7-627, Nishibori 4-chome; Saitama-shi, Saitama 338-0832 (JP)
(Applicant designated States: all)

Inventor:

- **Omori, Satoshi**
11-7-627, Nishibori 4-chome; Saitama-shi, Saitama 338-0832; (JP)

Legal Representative:

- **Franks, Robert Benjamin (74663)**
Franks & Co., 9 President Buildings Saville Street East; Sheffield South
Yorkshire S4 7UQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1313225	A1	20030521	(Basic)
	WO	2001080431		20011025	
Application	EP	2001921886		20010418	
	WO	2001JP3324		20010418	
Priorities	JP	2000117343		20000419	
	JP	2000149122		20000519	

Specification: ...that such large two text data are equal by comparing each pair of characters one by one. In this embodiment, the first researcher computes the **size** and the **message** digest by the **hash** function of his text data, and then sends them to the second researcher by email and the like. Accordingly, the second researcher computes the **size** and the **message** digest by the **hash** function of his text data, and then compares his data with the data sent by the first researcher. The second researcher can thus easily check...

7/3K/8 (Item 8 from file: 348)

01300642

Secure data transmission over a client-server network

Patent Assignee:

- **Kizna Corporation** (3153331)
1209 Orange St., Wilmington; Delaware 19801 (US)
(Applicant designated States: all)

Inventor:

- **Miyazawa, Takeo**
Prestige S&T W2, 12-3 Shimo-Renjaku 4-chome; Mitaka-shi, Tokyo 181-0013; (JP)
- **Okada, Tetsuya**
Tokyu-Heim, 6-5 Koenji-Minami 3-chome, Suginami-ku; Tokyo 166-0003; (JP)

Legal Representative:

- **Brown, Kenneth Richard et al (28831)**
R.G.C. Jenkins & Co. 26 Caxton Street; London SW1H 0RJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1115049	A2	20010711	(Basic)
Patent	EP	1115049	A3	20021030	
Application	EP	2000310849		20001206	
Priorities	JP	99348133		19991207	

Specification: ...difficult to intentionally create the original data string which generates a message hash value.

Known message hash calculation methods are MD4 and SHA-1. The **size** of the **message hash** is, for example, 160 bits in the case of SHA-1.

In the above case, when an electronic signature is generated for an application, first...

7/3K/9 (Item 9 from file: 348)

01298206

Process of communication between an applet and a local agent using a socket communication channel

Patent Assignee:

- **Wimba.Com S.A.** (2933630)
428 C, route de Nice; 06560 Valbonne (FR)
(Applicant designated States: all)

Inventor:

- **Nobili, Olivier**
17, Allee du Vivier; 83580 Gassin; (FR)
- **Nobili, Johanna**
17, Allee du Vivier; 83580 Gassin; (FR)
- **Ross, Keith**
428C, Route de Nice; 06560 Valbonne; (FR)
- **Van Haetsdaele, Bruno**
8, rue des Marronniers; 95720 Le Mesnil-Aubry; (FR)

Legal Representative:

- **Schuffenecker, Thierry (69982)**
97, chemin de Cassiopee, Domaine de l'etoile; 06610 La Gaude; (FR)

	Country	Number	Kind	Date	
Patent	EP	1113361	A1	20010704	(Basic)
Application	EP	2000480001		20000103	

Specification: ...with the other. To choose encrypting with the public or private key depends on the security services you want to ensure: integrity, authentication, confidentiality etc.... **Hash** functions transform a **message** of any **size** into a message of fixed size with the following properties: * Two messages that are very close will have a significantly different result * It is very...

7/3K/10 (Item 10 from file: 348)
01071797

METHOD FOR THE CRYPTOGRAPHIC CONVERSION OF BINARY DATA BLOCKS

Patent Assignee:

- **Otkrytoe Aktsionernoe Obschestvo " Moskovskaya Gorodskaya Telefonnaya Set"** (2809300)
Degtyarny pereulok, 6, stroenie 2; Moscow, GSP 103804 (RU)
(Proprietor designated states: all)
- **Moldovyan, Alexandr Andreevich** (2642190)
ul. Alexandrovskaya, 88/2-62; Vsevolozhsk, 188710 (RU)
(Proprietor designated states: all)
- **Moldovyan, Nikolay Andreevich** (2642210)
ul. Alexandrovskaya, 88/2-58; Vsevolozhsk, 188710 (RU)
(Proprietor designated states: all)

Inventor:

- **MOLDOVYAN, Alexandr Andreevich**
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- **MOLDOVYAN, Nikolai Andreevich**
ul. Alexandrovskaya, 88/2-58; Vsevolozhsk, 188710; (RU)

Legal Representative:

- **Wardley, Diana Mary (77411)**

Forrester & Boehmert, Pettenkoferstrasse 20-22; 80336 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1087425	A1	20010328	(Basic)
Patent	EP	1087425	B1	20070328	
	WO	1999036942		19990722	
Application	EP	98935436		19980619	
	WO	98RU182		19980619	
Priorities	RU	98100685		19980119	

Specification: ...conversion, hashing and ciphering; - information hashing is a certain method of forming a so-called hash-code of a fixed size (typically 128 bits) for **messages** of any **size**; **hashing** methods are widely used that are based on iterative hash functions using block mechanisms of information cryptographic conversion (see Lai X., Massey J.L. Hash...

Specification: ...conversion, hashing and ciphering; information hashing is a certain method of forming a so-called hash-code of a fixed size (typically 128 bits) for **messages** of any **size**; **hashing** methods are widely used that are based on iterative hash functions using block mechanisms of information cryptographic conversion (see Lai X., Massey J.L. Hash...

7/3K/11 (Item 11 from file: 348)

01021037

Method for the cryptographic conversion of L-bit input blocks of digital data info into L-bit output blocks

Patent Assignee:

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ul. Alexandrovskaya, 88/2-62; Vsevolozhsk, 188710 (RU)
(Proprietor designated states: all)
- **Moldovyan, Nikolay Andreevich** (2642210)
ul. Alexandrovskaya, 88/2-58; Vsevolozhsk, 188710 (RU)
(Proprietor designated states: all)
- **Otkytoe Aksionernoe Obschestvo " Moskovskaya Gorodskaya Telefonaya Set" GSP** (2715940)
Degtyarny pereulok, 6, stroeni 2; Moscow, 103804 (RU)
(Proprietor designated states: all)

Inventor:

- **Moldovyan, Alexandr Andreevich**
ul. Alexandrovskaya, 88/2-62; Vsevolozhsk, 188710; (RU)
- **Moldovyan, Nikolay Andreevich**
ul. Alexandrovskaya, 88/2-58; Vsevolozhsk, 188710; (RU)

- **Otkytoe Aksionernoe Obschestvo " Moskovskaya Gorodskaya Telefonaya Set" GSP**

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- **Wardley, Diana Mary et al (77411)**

Forrester & Boehmert, Pettenkoferstrasse 20-22; 80336 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1043863	A1	20001011	(Basic)
Patent	EP	1043863	B1	20070530	
	WO	1999000930		19990107	
Application	EP	97951348		19971128	
	WO	97RU394		19971128	

Specification: ...information hashing is a certain method of generating the so-called hash code the size of which is typically fixed (usually 128 bits) for any **size** of **messages**; **hashing** methods are widely used based on iterative hash functions using block mechanisms of cryptographic information conversion (see Lai X., Massey J.L. Hash Functions Based...

Specification: ...information hashing is a certain method of generating the so-called hash code the size of which is typically fixed (usually 128 bits) for any **size** of **messages**; **hashing** methods are widely used based on iterative hash functions using block mechanisms of cryptographic information conversion (see Lai X., Massey J.L. Hash Functions Based...

7/3K/12 (Item 12 from file: 348)

00830913

STEGANOGRAPHIC METHOD AND DEVICE

Patent Assignee:

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- **Vossius & Partner (100314)**

Siebertstrasse 4; 81675 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	872073	A2	19981021	(Basic)
Patent	EP	872073	B1	20071128	

	Country	Number	Kind	Date
	WO	1996042151		19961227
Application	EP	96919405		19960607
	WO	96US10257		19960607
Priorities	US	489172		19950607

Specification: ...bit of each sample when computing the hash function, if the stega-cipher was implemented using a least significant bit encode mode.

Based on the **size** of the non-**hash message**, one knows the **hash-inclusive message** requires 32 more bytes of space. One can now calculate the size of a signed encrypted copy of this message by signing and encrypting exactly...

7/3K/13 (Item 13 from file: 348)

00650478

METHOD OF SELECTING CABLE TELEVISION CONVERTER GROUPS

Patent Assignee:

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Inventor:

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- **DURDEN, Gregory, S.**
9407 Terri Lane; Jonesboro, GA 30236; (US)
- **IVEY, M., Kent**
3150 Nottaway Court; Chamblee, GA 30341; (US)
- **KUBAN, Curt, M.**
2785 Oak Meadow Drive; Snellville, GA 30278; (US)

Legal Representative:

- **Moore, Derek et al (34051)**
Jensen & Son 70 Paul Street; London EC2A 4NA; (GB)

	Country	Number	Kind	Date
Patent	EP	685141	A1	19951206 (Basic)
Patent	EP	685141	B1	19990929
	WO	9419909		19940901
Application	EP	94909591		19940216
	WO	94US1488		19940216
Priorities	US	18932		19930216

Specification: ...may be specified in this command. The actual maximum number may be changed to suit particular needs, including considerations such as, for example,

manageability of **message size**. The **checksum** (if included) and CR delimit the serial number list. If fewer than the maximum number of serial numbers are specified, only the normal transmission carriage...

7/3K/14 (Item 14 from file: 348)
00400868

Monitoring apparatus.

Patent Assignee:

- **GOLDEN RIVER LIMITED** (1089760)
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Inventor:

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- **Fine, David**
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- **Moreton, Bob**
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- **Watkins, Andrew**
9, Withycombe Drive; Banbury, Oxfordshire; (GB)
- **Jones, John**
17, Stewart Drive; Silverstone, Northamptonshire; (GB)

Legal Representative:

- **Sturt, Clifford Mark et al (50501)**
MARKS & CLERK 57-60 Lincoln's Inn Fields; London WC2A 3LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	396432	A2	19901107	(Basic)
Patent	EP	396432	A3	19910410	
Application	EP	90304912		19900504	
Priorities	GB	8910419		19890505	

Specification: ...format:

1. Packet header
2. Destination address
3. Source address
4. Control flag
 - A: Acknowledgement
 - B: Text message
 - C: incident detection/alarm message
 - D: Status **message**
5. Field **check sum**
6. Data box **size**
7. Data block

The packet receiving protocol for each site controller is as follows:

1. Each complete message is re-transmitted along the line.
- 2...

7/3K/15 (Item 15 from file: 348)

00382670

COMMUNICATIONS NETWORK STATE AND TOPOLOGY MONITOR

Patent Assignee:

- **NETWORK EQUIPMENT TECHNOLOGIES,INC.** (1113290)
800 Saginaw Drive; Redwood City, CA 94063 (US)
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Inventor:

- **ROBINS, Paul, Andrew**
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- **ALVIK, Paul, D.**
19986 Beekman Place; Cupertino, CA 95014; (US)
- **HELGESON, Christopher, Sean**
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- **GANNON, Michael, Richard**
1012 Windsor Drive; Menlo Park, CA 94025; (US)
- **BISHOP, William, Allen**
1165 Phyllis Court; Mountain View, CA 94040; (US)
- **MUMAW, Sandra, Leigh**
21376 Sunnyside Ln; Los Gatos CA 95030-8613; (US)
- **FORKISH, Karen, Lee**
1617 Union Avenue; Redwood City, CA 94061; (US)
- **TAN, Seck-Eng**
302 Easy Street 48; Mountain View, CA 94043; (US)
- **RADZYKEWYCZ, Tim, Omelan**
7450 Shady Hollow Drive; Newark, CA 94560; (US)
- **DUPONT, Ronald**
234, rue Principale; L-5366 Munsbach; (LU)

Legal Representative:

- **Crawford, Andrew Birkby et al (29761)**
A.A. THORNTON & CO. Northumberland House 303-306 High Holborn; London WC1V 7LE; (GB)

	Country	Number	Kind	Date	
Patent	EP	398987	A1	19901128	(Basic)
Patent	EP	398987	A1	19921021	
Patent	EP	398987	B1	19970502	
	WO	8907377		19890810	
Application	EP	89902679		19890127	
	WO	89US352		19890127	
Priorities	US	150354		19880129	

Specification: ...message by returning the blocknumbers and checksums it received. The data is held in the pending area. The APE gets the 'ack' and uses the **checksums** in the ack **message** to update its **checksum area**. This ensures that its idea of the known checksums and that known to the DBA are the same. Receiving the 'ack' frees the APE to...

7/3K/19 (Item 4 from file: 349)
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01192360

APPARATUS AND METHOD FOR PRECLUDING E-MAIL DISTRIBUTION

Patent Applicant/Patent Assignee:

- **QUINSTREET INC**

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Inventor(s):

- **SYIEK Bronwyn**

45 Southern Heights Avenue, San Francisco, CA 94107; US

- **BHANAP Nina**

960 Roble Avenue, Apt. B, Menlo Park, CA 94025; US

- **GOWDA Rakesh**

4021 Fair Oaks Avenue, Menlo Park, CA 94025; US

- **GUNTHA Ramesh**

3803 Darwin Drive, Apt. 258, Fremont, CA 94555; US

Legal Representative:

- **BEISER Robert S (agent)**

Vedder Price Kaufman & Kammholz, P.C., 222 North Lasalle Street, Chicago, IL
60601; US

	Country	Number	Kind	Date
Patent	WO	2004114092	A2-A3	20041229
Application	WO	2004US19813		20040621
Priorities	US	2003600249		20030620

English Abstract:

E-mail addresses are converted by a hashing function into **hash** codes. An **e-mail mass** mailer that can have millions of addresses hash codes all addresses to which a message might be sent to form a first list. An entity...

Detailed Description:

...sent to the e-mail list manager.

Using the same hash code algorithm that was provided to the commercial advertiser's computer 202, the e- **mail mass** mailer **hash** codes all of the addresses in the list(s) to

which a 1 5 commercial message might be sent. As shown in Fig. 2, the list of **hash** codes from the **email mass** mailer is sent to the e-mail list manager and identified as "LIST-1." Inasmuch as the commercial advertiser's computer 202 and the e... ...Step 306 shows the e-mail list manager's 210 receipt of LIST-2 from the merchant's computer 202. In step 308, the e-mail mass mailer (212) **hash** codes its list of e-mail addresses and uploads the resultant list of hash codes, which is denominated as LIST-1, to the e-mail...

7/3K/20 (Item 5 from file: 349)
 DIALOG(R)File 349: PCT FULLTEXT
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01192354

SYSTEM AND METHOD FOR FILTERING SPAM MESSAGES UTILIZING URL FILTERING MODULE

Patent Applicant/Patent Assignee:

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 301 Howard Street, 18th Floor, San Francisco, CA 94105; US; US(Residence);
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Patent Applicant/Inventor:

- **SCHNEIDER Ken**
 --(Residence); --(Nationality); (Designated only for: US)
- **COWINGS David**
 --(Residence); --(Nationality); (Designated only for: US)
- **MEDLAR Art**
 --(Residence); --(Nationality); (Designated only for: US)
- **HOOGSTRATE David**
 --(Residence); --(Nationality); (Designated only for: US)
- **JENSEN Sandy**
 --(Residence); --(Nationality); (Designated only for: US)

Legal Representative:

- **VINCENT Lester J(et al)(agent)**
 Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor,
 Los Angeles, CA 90025; US

	Country	Number	Kind	Date
Patent	WO	2004114614	A1	20041229
Application	WO	2004US19791		20040618
Priorities	US	2003479754		20030618
	US	2004871583		20040617

Detailed Description:

...be classified as spam. If processing logic detennines that the URL rules species an inclusion URL, it further detennines whether a hash of any other **URL** from the **message** matches a **hash** of the inclusion LTRL (processing block 518). If not, process

500 ends. If so, processing logic reports a match (processing block 524).

[00711 If processing... URL, process 500 ends. If processing logic determines that the URL rule specifies an exclusion URL, it further determines whether a hash of any other **URL** from the **message** matches a **hash** of the exclusion **URL** (processing block 522). If so, process 500 ends. If not, processing logic reports a match (processing block 524).

[00731 It should be noted that although...

7/3K/21 (Item 6 from file: 349)
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01134396

PROXY METHOD AND SYSTEM FOR SECURE WIRELESS ADMINISTRATION OF MANAGED ENTITIES

Patent Applicant/Patent Assignee:

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Patent Applicant/Inventor:

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6346 Simcoe Road S.W., Calgary, Alberta T3H 4S3; CA; CA(Residence);
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Legal Representative:

- **MILNE Peter(et al)(agent)**
Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto,
Ontario M5L 1J3; CA

	Country	Number	Kind	Date
Patent	WO	200457823	A2-A3	20040708
Application	WO	2003CA2036		20031219
Priorities	CA	2414830		20021219
	US	2002326226		20021219

Detailed Description:

...integrity checking means is similar, but superior to the common Checksum means of detection, since Salt is not based on a known relationship to the **size** of the **message**.

When using a **Checksum**, the integrity of what is received may be spoofed by the repacking of a message including a recalculation and substitution of the Checksum after altering...

7/3K/22 (Item 7 from file: 349)
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01130884

SYSTEM AND METHOD FOR PROVIDING EXPLOIT PROTECTION WITH MESSAGE TRACKING

Patent Applicant/Patent Assignee:

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6000 Connection Drive, Irving, TX 75039; US; US(Residence); US(Nationality)

Inventor(s):

- **SMITH Gregory J**

3576 Sunnydays Lane, Santa Clara, CA 95051; US

- **CARD James**

46 McKenna Drive, Nashua, NH 03062; US

Legal Representative:

- **BRANCH John W(et al)(agent)**

Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257; US

	Country	Number	Kind	Date
Patent	WO	200453621	A2-A3	20040624
Application	WO	2003IB5714		20031205
Priorities	US	2002317296		20021211

Claims:

...the message and a separate value for the attachment.

8 The system of claim 1, wherein the message tracker is further configured to: determine a **size** associated with the **message**; determine a **hash** associated with the **message**; and if the **size** exceeds a pre-determined size, and the hash is substantially the same as a stored hash associated with the message, to identify the message as...

7/3K/24 (Item 9 from file: 349)
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01124149

AUTOMATICALLY GENERATED CRYPTOGRAPHIC FUNCTIONS FOR RENEWABLE TAMPER RESISTANT SECURITY SYSTEMS

Patent Applicant/Patent Assignee:

- **MATSUSHITA ELECTRIC INDUSTRIAL CO LTD**
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JP(Residence); JP(Nationality)

Inventor(s):

- **PERKINS Gregory M**
1630 Reed Road, Pennington, NJ 08534; US
- **HE Zhijun**
900 Davidson Road, Apartment 118, Piscataway, NJ 08854; US

	Country	Number	Kind	Date
Patent	WO	200446846	A2-A3	20040603
Application	WO	2003IB6485		20031027
Priorities	US	2002282648		20021028

Detailed Description:

...message with the digest rather than encrypting the message often improves the efficiency of the process because the message digest is usually much smaller in **size** than the **message**. The same **hash** algorithm may be used by the verifier of a digital signature as is used by the creator of the digital signature. Any - 12 change to...

7/3K/25 (Item 10 from file: 349)
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01094580

HARD DISK SECURITY

Patent Applicant/Patent Assignee:

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Patent Applicant/Inventor:

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FR(Residence); FR(Nationality); (Designated only for: US)
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Canal+ Technologies, 34 Place Raoul Dautry, F-75906 Paris Cedex 15; FR;
FR(Residence); FR(Nationality); (Designated only for: US)
- **HAMERY Dominique**
Canal+ Technologies, 34 Place Raoul Dautry, F-75906 Paris Cedex 15; FR;
FR(Residence); FR(Nationality); (Designated only for: US)

Legal Representative:

- **WEIHS Bruno (agent)**
Rosenthal & Osha, 121 avenue des Champs Elysees, F-75008 Paris; FR

	Country	Number	Kind	Date
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	Country	Number	Kind	Date
Patent	WO	200417637	A1	20040226
Application	WO	2003EP50370		20030808
Priorities	EP	2002292028		20020813

Claims:

...of the mutual verification further comprising

M Generating (I 003) in the STB a first random message, N Transmitting the first random message to the **mass** storage device, 21 **message**, **Hashing** and signing (1004) the second message using a second private key (1001) of the mass storage device, M Transmitting the hashed and signed second message... ...containing the intermediate second random message, E Hashing and signing (I 104) the third message using a first private key of the STB, Transmitting the **hashed** and signed third **message** to the **mass** storage device, M Processing (I 105) in the **mass** storage device the **hashed** and signed third **message** using a first public key (I 106) corresponding to the first private key and obtaining a supposed second random message (I 107), N Comparing (I...
...number.

6 A method for securing a system according to claim 4, the performing of the mutual verification further comprising 22 STB 50 Transmitting the **hashed** and signed fourth **message** to the **mass** storage device, Processing (1203) in the **mass** storage device the **hashed** and signed fourth **message** using a first public key (1204) corresponding to the first private key and obtaining a supposed first identification (1205), Comparing (1207) the supposed first identification... ...third message in the STB containing the intermediate second random message and a first identification (1200) stored in the STB, Processing (I 105) in the **mass** storage device the **hashed** and signed third **message** using a first public key (I 106) corresponding to the first private key and obtaining a supposed first identification (1302), M Comparing (1303) the supposed...

7/3K/27 (Item 12 from file: 349)

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01043258

USER AUTHENTICATION BETWEEN RESOURCES IN A DATA NETWORK

Patent Applicant/Patent Assignee:

- **COMPTTEL CORPORATION**

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Patent Applicant/Inventor:

- **NARDONE Massimo**

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Legal Representative:

- **SEPPO LAINE OY (agent)**

Itamerenkatu 3 B, FIN-00180 Helsinki; FI

	Country	Number	Kind	Date
Patent	WO	200373240	A1	20030904
Application	WO	2002FI572		20020627
Priorities	FI	2002369		20020226

Detailed Description:

...1) the http address of the service pointed to, 2) the parameters, which were got and concatenated l 0 before, as such, and 3) the **hashed message**. For example, an **URL** of this example looks like this.

http://localhost/shoes. ...Preferably, the hash algorithm is MD5.

7. After creating the second HASH, the application will compare the original MD5 1 5 message included in the **URL** (first **hash**) with the new **message** just created (second **hash**).

8. If the **messages** are identical (the first hash corresponds to the second hash), the URL is valid and the user authorized to use that WEB or WAP service...

7/3K/28 (Item 13 from file: 349)

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00985206

IMAGE SENSING APPARATUS INCLUDING A MICROCONTROLLER

Patent Applicant/Patent Assignee:

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393 Darling Street, Balmain, New South Wales 2041; AU; AU(Residence); AU(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

- **SILVERBROOK Kia**

Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041; AU; AU(Residence); AU(Nationality); (Designated only for: US)

Legal Representative:

- **SILVERBROOK Kia (agent)**

Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041; AU

	Country	Number	Kind	Date
Patent	WO	200315395	A1	20030220
Application	WO	2002AU919		20020709

	Country	Number	Kind	Date
Priorities	US	2001922274		20010806

Detailed Description:

...configured into 16 programmable-sized groups. Each of the 16 groups must be a contiguous set of cache lines. The CPU is responsible for determining **how many** cache lines to allocate to each group.

Within each group cache lines are filled according to a simple Least Recently Used algorithm. In terms of...

7/3K/29 (Item 14 from file: 349)
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00984073

PRINTING CARTRIDGE WITH TWO DIMENSIONAL CODE IDENTIFICATION

Patent Applicant/Patent Assignee:

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Legal Representative:

- **SILVERBROOK Kia (agent)**
Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales
2041; AU

	Country	Number	Kind	Date
Patent	WO	200313869	A2-A3	20030220
Application	WO	2002AU915		20020709
Priorities	US	2001922159		20010806

Detailed Description:

...requests. In order to reduce effective memory latency, the ACP 31 contains 128 cache lines. Each cache line is 32 bytes wide. Thus the total **amount** of data cache 76 is 4096 bytes (4KB). The 128 cache lines are configured into 16 programmable-sized groups. Each of the 16 groups must...

7/3K/30 (Item 15 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

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00984070

PRINTING CARTRIDGE WITH BARCODE IDENTIFICATION

Patent Applicant/Patent Assignee:

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Legal Representative:

- **SILVERBROOK KIA (agent)**

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	Country	Number	Kind	Date
Patent	WO	200313866	A1	20030220
Application	WO	2002AU921		20020709
Priorities	US	2001922158		20010806

Detailed Description:

...pixels from a column on the card to be read as pixels across 166 columns.

Finally, the Artcard 9 should be read in a reasonable **amount** of time with respect to the human operator. The data on the Artcard covers most of the Artcard surface, so tin-ling concerns can be...

7/3K/33 (Item 18 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00937112

SYSTEM FOR REPLICATING DATA OF A MOBILE STATION

Patent Applicant/Patent Assignee:

- **MATCHTIP LIMITED**

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Patent Applicant/Inventor:

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- **SELLERS Paul**
12 Campden Grove, London W8 4JG; GB; GB(Residence); GB(Nationality);
(Designated only for: US)

Legal Representative:

- **BERESFORD Keith Denis Lewis(et al)(agent)**
Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH; GB

	Country	Number	Kind	Date
Patent	WO	200271219	A2-A3	20020912
Application	WO	2002GB1022		20020306
Priorities	GB	20015646		20010307
	GB	200122598		20010919

Detailed Description:

...will depend on the bearer
channel, Thus,, if the bearer channel has no fixed length
limitation, for example,, an IP channel, or there is
available **space** in an SMS **message**, the **checksum** will be
two bytes,
2, Backup

7/3K/34 (Item 19 from file: 349)
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00835793

**SYSTEM AND METHOD FOR AUTOMATING BUSINESS PROCESSES AND
PERFORMING DATA INTERCHANGE OPERATIONS IN A DISTRIBUTED
COMPUTING ENVIRONMENT**

Patent Applicant/Patent Assignee:

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US(Nationality)

Inventor(s):

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- **CHU Shung-Yang Frank**
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Legal Representative:

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	Country	Number	Kind	Date
Patent	WO	200169431	A2	20010920
Application	WO	2001US8611		20010314
Priorities	US	2000524995		20000314

Claims:

...fetching of the required data in less than three table lookups in most cases.
The incoming messages from the incoming message queue may also be**hashed**.
However, because the **message size** is unpredictable, dynamic hashing techniques were used for the message cache. The instance database may also be hashed. Again, the instance database is dynamic because...

7/3K/35 (Item 20 from file: 349)
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00816741

**PROCESS OF COMMUNICATION BETWEEN AN APPLET AND A LOCAL AGENT
USING A SOCKET COMMUNICATION CHANNEL**

Patent Applicant/Patent Assignee:

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Legal Representative:

- **SCHUFFENECKER Thierry (agent)**

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	Country	Number	Kind	Date
Patent	WO	200150258	A2-A3	20010712
Application	WO	2000EP13353		20001226
Priorities	EP	2000480001		20000103

Detailed Description:

...the other. To choose encrypting with the public or private key depends on the security services you want to ensure.

23

integrity, authentication, confidentiality etc.... **Hash** functions transform a **message** of any **size** into a message of fixed size with the following properties.

Two messages that are very close will have a significantly different result It is very...

7/3K/38 (Item 23 from file: 349)

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00304067

PRIVATE EXCHANGE FOR ISDN

Patent Applicant/Patent Assignee:

- **ADAK COMMUNICATIONS CORPORATION**

Inventor(s):

- **DALE Allan D**
- **GOODRICH Earl II**
- **BAYERL Thomas R**
- **DICK Brian P**
- **ENGLISH Scott W B**
- **DOUGHERTY John C**

	Country	Number	Kind	Date
Patent	WO	9522218	A2	19950817
Application	WO	95US1331		19950202
Priorities	US	94192177		19940204
	US	94234548		19940428

Detailed Description:

...data, and lastly, the checksum byte. Between each of the message type and the message length, the message length and the message data and the **message** data and

the **checksum** the last **space** bit left off at. Thus, similarly, a minimum of 120 bytes of sample data are needed for mark bits.

The channel seizure signal of 1...

7/3K/39 (Item 24 from file: 349)
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00276650

ADDRESSED MESSAGING IN A CABLE TELEVISION SYSTEM

Patent Applicant/Patent Assignee:

- **SCIENTIFIC-ATLANTA INC**

Inventor(s):

- **BEYERS Robert J II**
- **DURDEN Gregory S**
- **IVEY M Kent**
- **KUBAN Curt M**

	Country	Number	Kind	Date
Patent	WO	9424826	A1	19941027
Application	WO	94US1487		19940216
Priorities	US	9318437		19930422

Detailed Description:

...may be specified in this command. The actual maximum number may be changed to suit particular needs, including considerations such as, for example, manageability of **message size**. The **checksum** (if included) and CR delimit the serial number list. If fewer than the maximum number of serial numbers are specified, only the normal transmission carriage...

7/3K/40 (Item 25 from file: 349)
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00271734

METHOD OF SELECTING CABLE TELEVISION CONVERTER GROUPS

Patent Applicant/Patent Assignee:

- **SCIENTIFIC-ATLANTA INC**

Inventor(s):

- **BEYERS Robert J II**
- **DURDEN Gregory S**
- **IVEY M Kent**
- **KUBAN Curt M**

	Country	Number	Kind	Date
Patent	WO	9419909	A1	19940901
Application	WO	94US1488		19940216
Priorities	US	9318932		19930216

Detailed Description:

...may be specified in this command. The actual maximum number may be changed to suit particular needs, including considerations such as, for example, manageability of **message size**. The **checksum**. (if included) and CR delimit the serial number list. If fewer than the maximum number of serial numbers are specified, only the normal transmission carriage...

7/3K/41 (Item 26 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00271706

SYSTEM AND METHOD FOR REMOTELY SELECTING SUBSCRIBERS AND CONTROLLING MESSAGES TO SUBSCRIBERS IN A CABLE TELEVISION SYSTEM

Patent Applicant/Patent Assignee:

- SCIENTIFIC-ATLANTA INC

Inventor(s):

- BEYERS Robert J II
- DURDEN Gregory S
- IVEY M Kent
- KUBAN Curt M

	Country	Number	Kind	Date
Patent	WO	9419881	A1	19940901
Application	WO	94US1486		19940216
Priorities	US	9318933		19930216

Detailed Description:

...may be specified in this command. The actual maximum number may be changed to suit particular needs, including considerations such as, for example, manageability of **message size**. The **checksum**. (if included) and CR delimit the serial number list. If fewer than the maximum number of serial numbers are specified, only the normal transmission carriage...

7/3K/43 (Item 28 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00161000

COMMUNICATIONS NETWORK STATE AND TOPOLOGY MONITOR

Patent Applicant/Patent Assignee:

- NETWORK EQUIPMENT TECHNOLOGIES INC

Inventor(s):

- ROBINS Paul Andrew
- ALVIK Paul D
- HELGESON Christopher Sean
- GANNON Michael Richard
- BISHOP William Allen
- MUMAW Sandra Leigh
- FORKISH Karen Lee
- TAN Seck-Eng
- RADZYKEWYCZ Tim Omelan
- DUPONT Ronald

	Country	Number	Kind	Date
Patent	WO	8907377	A1	19890810
Application	WO	89US352		19890127
Priorities	US	88354		19880129

Detailed Description:

...message by returning the blocknumbers and checksums it received. The data is held in the pending area. The APE gets the lack' and uses the **checksums** in the ack **message** to update its **checksum area**, This ensures that its idea of the known checksums and that known to the DBA are the same.

Receiving the lack' frees the APE to...

7/3K/45 (Item 30 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00132332

ADAPTIVE WELDING GUIDANCE APPARATUS

Patent Applicant/Patent Assignee:

- CATERPILLAR INC

Inventor(s):

- BROWN Ronald D
- WATERS James D Jr

	Country	Number	Kind	Date
Patent	WO	8604845	A1	19860828
Application	WO	85US627		19850410
Priorities	US	85159		19850225

Detailed Description:

...the groove;

(3) position of right edge of the groove;

(4) height of left edge;

(5) height of right edge;

(6) depth of groove;

(7) **area** of groove;

(8) **check sum**;

(9) end of **message**; and

(10) sync signal

The third means 41 computes the X and Y coordinates of a guidance point as a function of the center of...

7/3K/46 (Item 31 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00122063

ADAPTIVE WELDER WITH LASER TV-SCANNER

Patent Applicant/Patent Assignee:

- **CATERPILLAR TRACTOR CO**

Inventor(s):

- **BROWN Ronald D**

	Country	Number	Kind	Date
Patent	WO	8500309	A1	19850131
Application	WO	83US1568		19831006
Priorities	US	83533		19830713

Detailed Description:

...X, Y coordinates of right edge of groove;

(4) Z coordinate of left edge;

(5) Z coordinate of right edge;

(6) depth of groove;

(7) **area** of groove;

(8) **check sum**;

(9) end of **message**; and

(10) sync signal,
From these data, the LSI-11 computer 38
generates the necessary outputs to the axis servos 46
For tracking purposes and...